

**CENTRALIZED CONNECTOR MODULE HAVING COMPONENT
DIAGNOSTIC CAPABILITY, REFRIGERATION UNIT
INCORPORATING THE SAME AND METHODS OF ASSEMBLING
AND TROUBLESHOOTING A REFRIGERATION UNIT**

ABSTRACT OF THE DISCLOSURE

A centralized connector module, a refrigeration unit and a method of assembling a refrigeration unit. In one embodiment, the centralized connector module includes (1) a dielectric body having interconnected terminal sets corresponding to components connectable thereacross and (2) continuity indicator circuits associated with at least some of the terminal sets and configured to indicate continuity faults with respect to connected ones of the components.